

# RYAN HAUG

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## OBJECTIVE

To obtain an internship or co-op in Mechanical Engineering. Available from June through December 2023

## EDUCATION

**Rochester Institute of Technology**, Rochester, NY

Bachelor of Science in Mechanical Engineering, expected May 2026

**GPA:** 3.81/4.0

## COURSES

Engineering Mechanics Lab

Engineering Design Tools

Intro to Programming For Engineers

Engineering Measurements Lab

Thermodynamics I

Statics

## SKILLS

**Software:** Onshape, Autodesk Inventor, MATLAB, MS Excel

**Coding Languages:** Java, PHP, JavaScript, React, Next.js, Tailwind CSS, HTML, MATLAB

**Machine or fabrication:** Lathe, Mill, Drill press, Bandsaw, Soldering iron, various hand tools

## PROJECTS/LABS

### **DeliverU**

- A for-profit student startup created with a team of 3 students for the goal of creating an on-campus food delivery service that employs students. I designed and coded the web-app frontend written in Next.js where students can order delivery. [deliveru.app](https://deliveru.app)

### **Robo Lizard**

- Designed robotic lizard using Onshape with gearbox and household items to climb a pole to a specific height

### **Finger Piston Engine**

- Designed piston engine in Onshape and prototyped product on lathe, mill, drill press, band saw, cold saw

### **MATLAB Air Hockey**

- Programmed a simulation in MATLAB of an air hockey puck with collision physics

### **Built Scaled Low Bypass Turbojet Engine**

- Built and tested functional turbojet engine running off propane. Engine included 3D printed axial compressor, annular combustion chamber made of sheet metal, and turbines made from pressed sheet metal. Was not able to sustain combustion because didn't build diffuser.

[ryanhaug.xyz](https://ryanhaug.xyz)

## EMPLOYMENT EXPERIENCE

### **Gee Bee Enterprises**

**July 2021 – August 2022**

Assistant

- Worked for independent contractor George Brenner for two summers and constructed three season room addition for two houses. Also constructed a retaining wall.

### **National Youth Leadership Training**

**Summer 2018- Summer 2022**

Assistant Senior Patrol Leader

- Worked as youth staff at National Youth Leadership Training camp which trains young Boy Scouts how to be leaders in their own troops. First two years served as Troop Guide which involved leading patrol and giving presentations to the whole camp. Served as Assistant Senior Patrol Leader (ASPL) which involved leading the whole camp and organizing all activities for the course. Final year helped as adult staff supervision.

### **DeliverU**

**December 2021- Present**

Chief Technology Officer

- Startup company I began with two friends at college to create a college food delivery solution which employs college students to deliver food from dining locations to dorm buildings. We employ students on a gig economy basis so they can work when they want, how they want. Find more information at [godeliveru.com](https://godeliveru.com).

## LEADERSHIP/COMMUNITY SERVICE/VOLUNTEERING

### **Boy Scouts of America**

- Eagle Scout
- 250 hours community service award